Conference on
“Dynamics on homogeneous spaces”
March 16-20, 2020
organized by
Manfred Einsiedler (Zürich), Martin Möller (Frankfurt), Anke Pohl (Bremen),
Tom Ward (Leeds)

• Monday, March 16
  10:30 - 11:00 Self registration and coffee break
  11:00 - 12:00 Speaker TBA
    Title TBA
  12:00 - 15:00 Lunch break and discussions
  15:00 - 15:45 Weikun He
    Equidistribution of linear random walks on the torus
  16:00 - 16:30 Coffee and cake
  16:30 - 17:15 Asaf Katz
    An application of Margulis’ inequality to effective equidistribution
    afterwards Reception

• Tuesday, March 17
  09:30 - 10:30 Daniel El-Baz
    Effective equidistribution of primitive rational points on expanding horospheres
  10:30 - 11:00 Group photo and coffee break
  11:00 - 11:45 Menny Aka
    Joinings of diagonal flows and application to elliptic curve
  12:00 - 15:00 Lunch break and discussions
  15:00 - 15:45 Ilya Khayutin
    Non-vanishing of class group L-functions
  16:00 - 16:30 Coffee and cake
  16:30 - 17:15 Nattalie Tamam
    Effective equidistribution of horospherical flows in infinite volume

• Wednesday, March 18
09:30 - 10:30  Maxim Kirsebom  
-On a limiting distribution for maximal cusp excursions of the unipotent flow-

10:30 - 11:00  Coffee break

11:00 - 12:00  Pengyu Yang  
-Equidistribution of expanding translates of curves in homogeneous spaces-

afterwards  Lunch break and free afternoon

- Thursday, March 19

10:00 - 11:00  Coffee and discussions

11:00 - 12:00  Nicolas de Saxcé  
-Spaces of lattices and diophantine approximation-

12:00 - 15:00  Lunch break and discussions

15:00 - 15:45  Taylor McAdam  
-Almost-prime times in horospherical flows-

16:00 - 16:30  Coffee and cake

16:30 - 17:15  Wenyu Pan  
-Exponential mixing of geodesic flow for geometrically finite manifolds with cusps-

- Friday, March 20

10:00 - 11:00  Speaker TBA  
-Title TBA-

afterwards  Coffee, discussions, and end of conference

All talks take place at HIM lecture hall, Poppelsdorfer Allee 45, Bonn.